

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031139.D
 Acq On : 06 Sep 2022 19:33
 Operator : JC/MD
 Sample : N4489-02DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1504DL

Quant Time: Sep 07 01:14:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

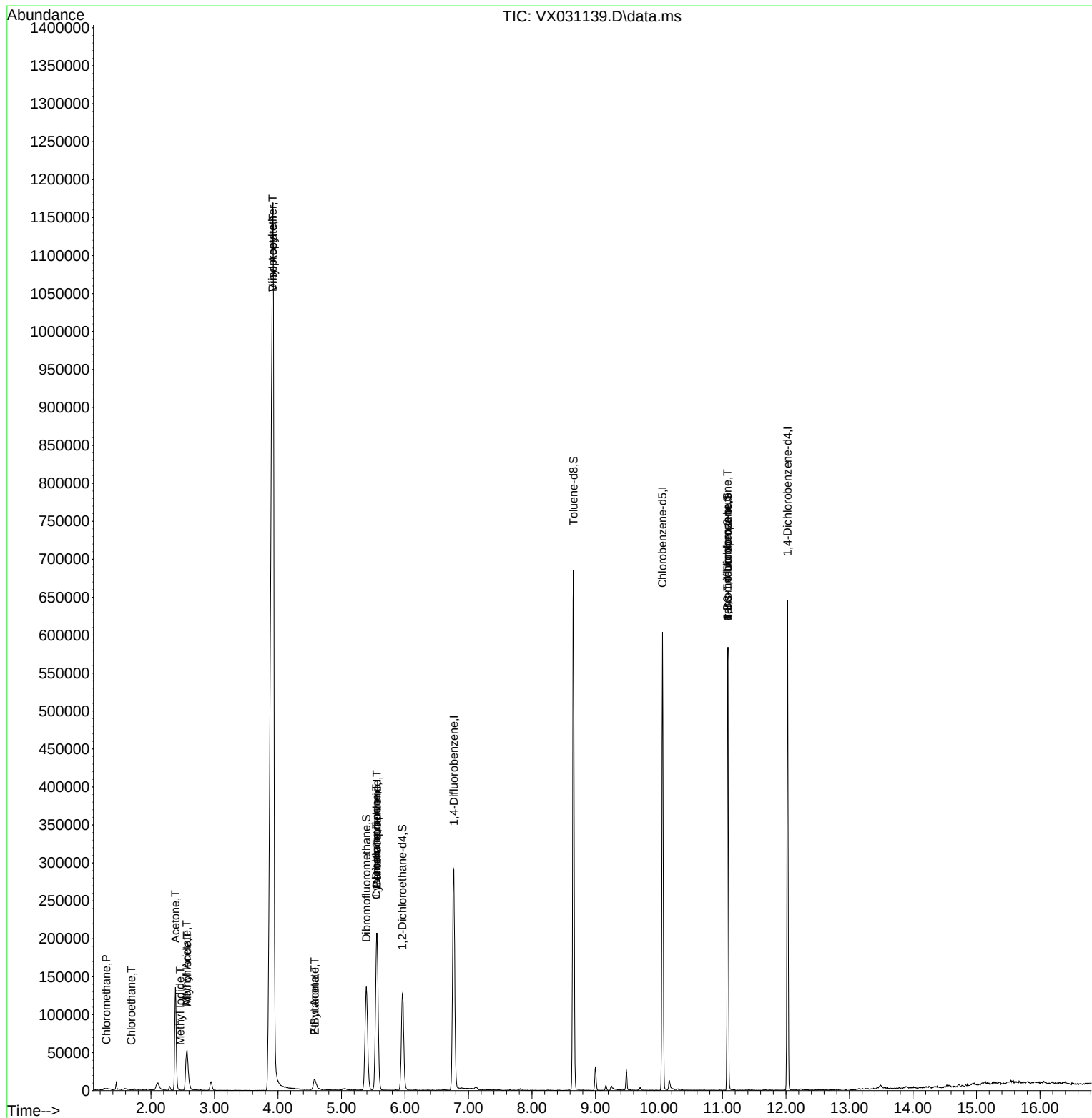
Internal Standards						
1) Pentafluorobenzene	5.556	168	213037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129068	47.086	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.180%
35) Dibromofluoromethane	5.391	113	122298	50.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.653	98	432713	48.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	159175	50.431	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	189	0.789	ug/l #	42
6) Chloroethane	1.691	64	45	1.766	ug/l #	41
10) Methyl Iodide	2.459	142	72	2.936	ug/l #	45
11) Tert butyl alcohol	2.941	59	6142	Below Cal	#	75
14) Allyl chloride	2.569	41	8204	2.496	ug/l #	56
16) Acetone	2.386	43	145589	137.580	ug/l	99
18) Methyl Acetate	2.563	43	20805	6.842	ug/l #	51
20) Methylene Chloride	2.782	84	203	Below Cal	#	57
22) Diisopropyl ether	3.916	45	111564	16.845	ug/l #	1
23) Vinyl Acetate	3.922	43	285063	53.289	ug/l #	72
25) 2-Butanone	4.574	43	12177	7.454	ug/l	95
31) Cyclohexane	5.550	56	3150	0.841	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13760	4.046	ug/l #	48
37) Ethyl Acetate	4.574	43	12177	4.121	ug/l #	71
38) Carbon Tetrachloride	5.556	117	20040	5.677	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	71876	21.512	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71876	67.608	ug/l #	13

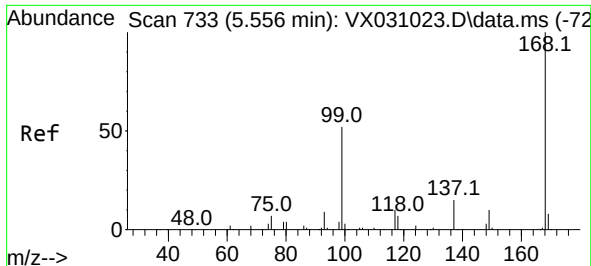
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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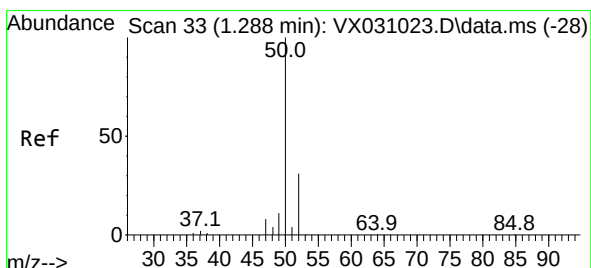
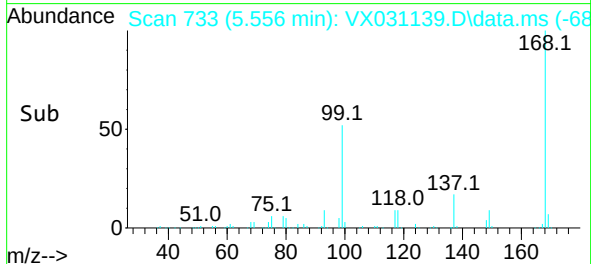
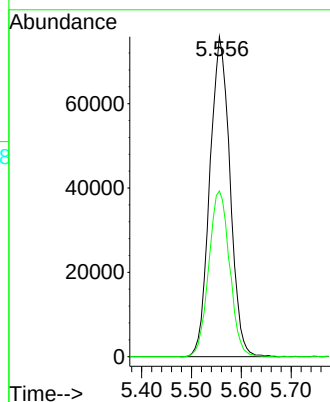
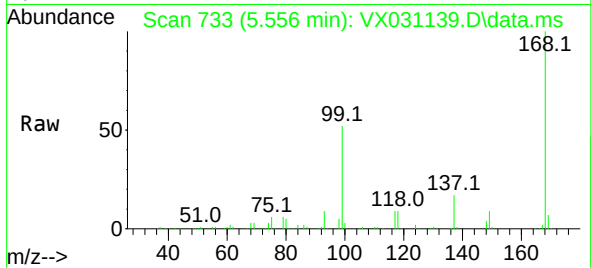




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

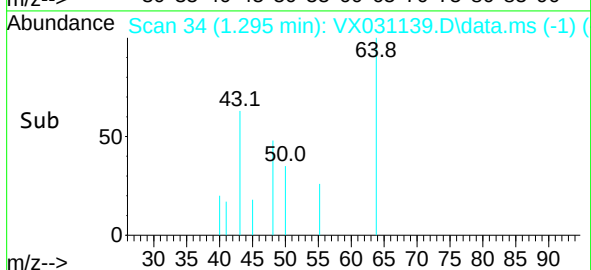
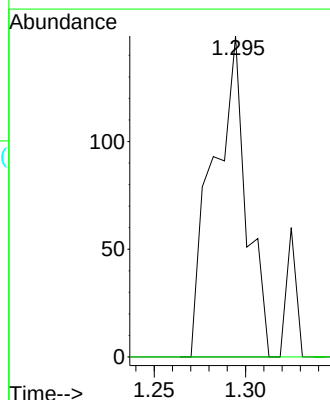
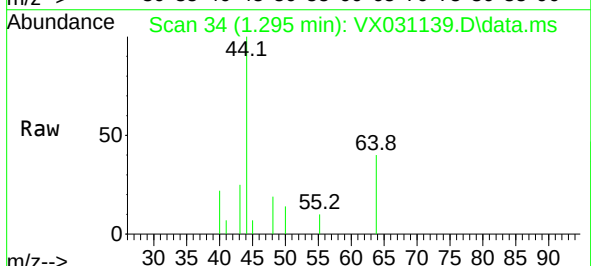
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

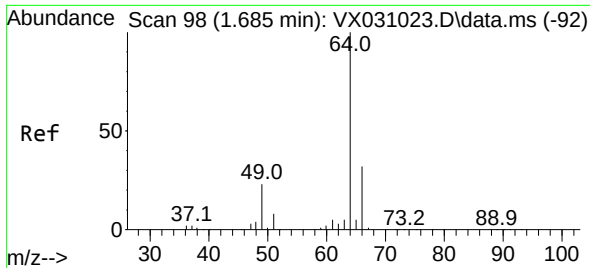
Tgt Ion:168 Resp: 213037
Ion Ratio Lower Upper
168 100
99 51.8 44.0 66.0



#3
Chloromethane
Concen: 0.789 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 50 Resp: 189
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

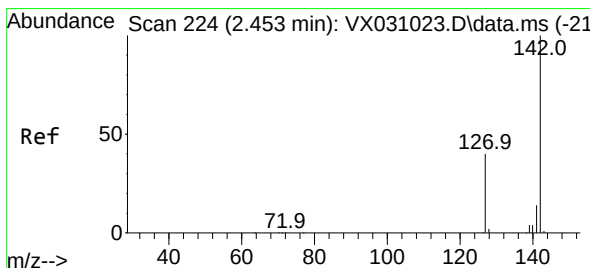
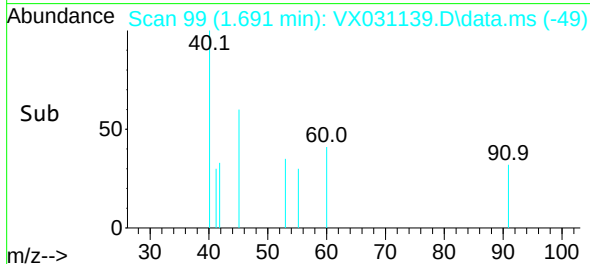
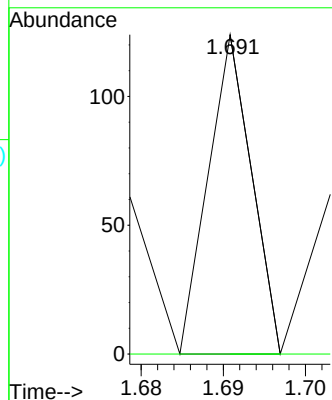
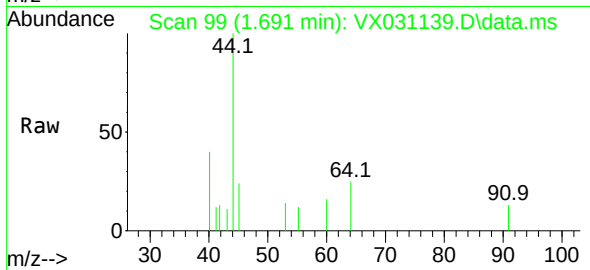




#6
Chloroethane
Concen: 1.766 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

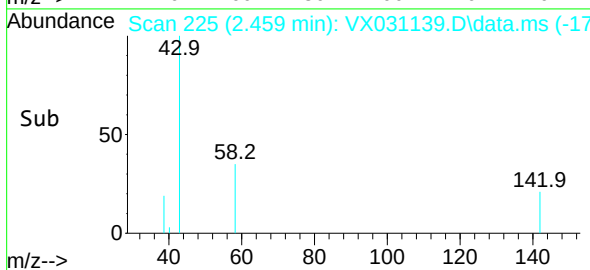
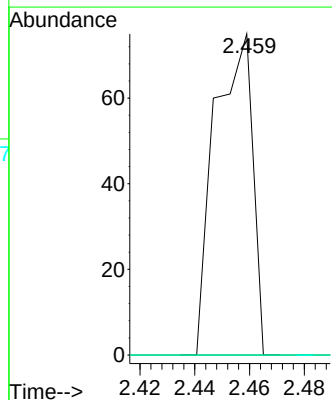
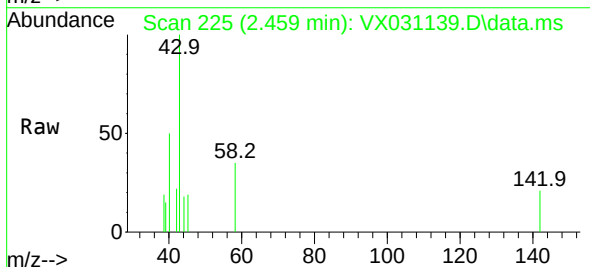
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

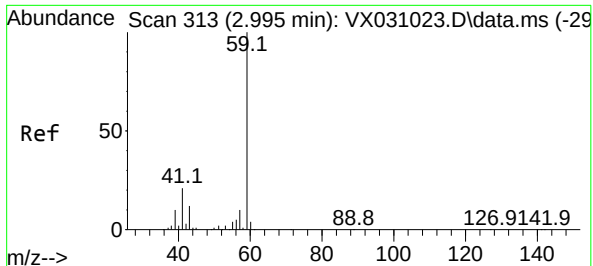
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.936 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

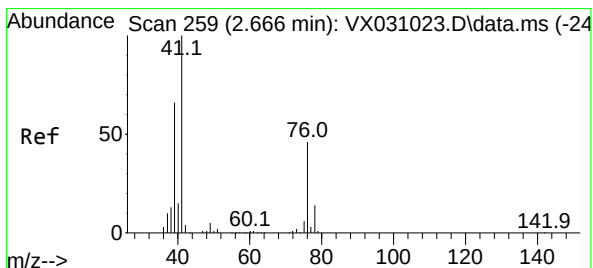
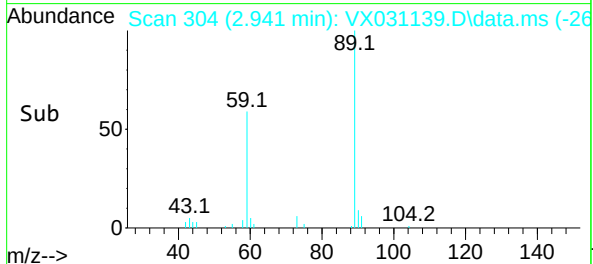
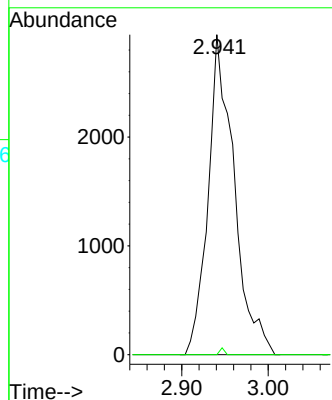
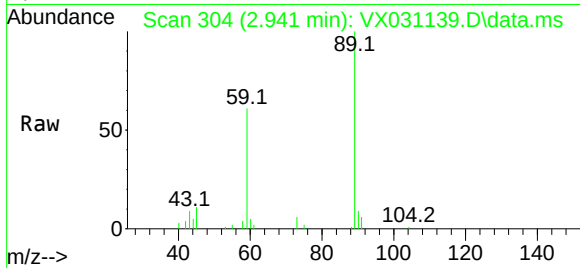




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

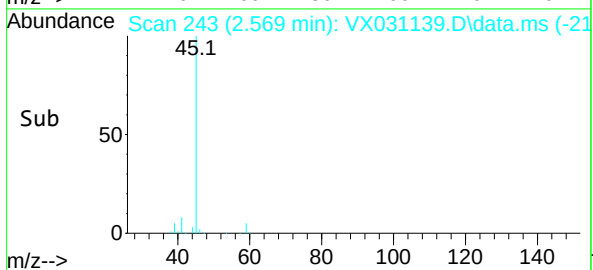
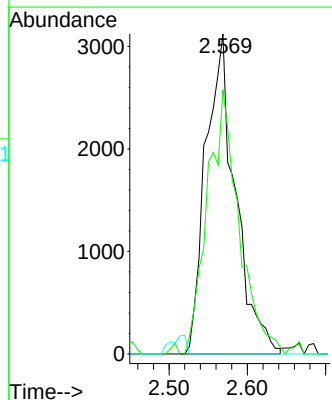
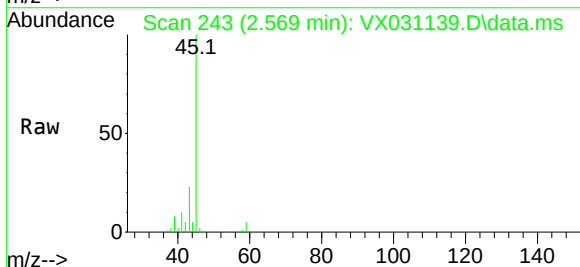
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

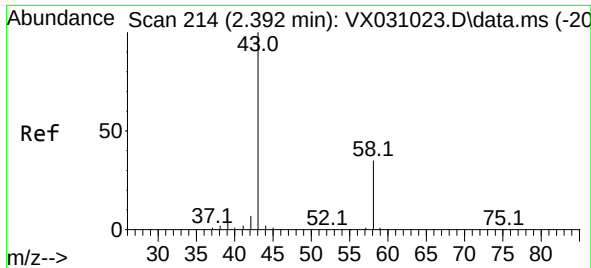
Tgt Ion: 59 Resp: 6142
Ion Ratio Lower Upper
59 100
57 0.4 7.4 11.2#



#14
Allyl chloride
Concen: 2.496 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.097 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 41 Resp: 8204
Ion Ratio Lower Upper
41 100
39 87.8 48.9 73.3#
76 0.0 26.9 40.3#

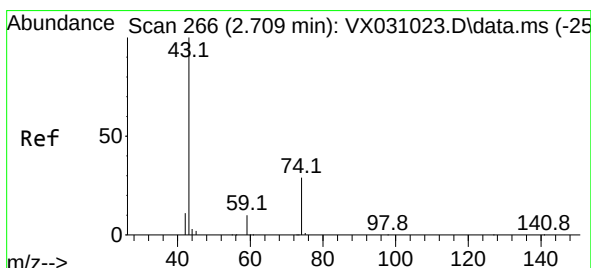
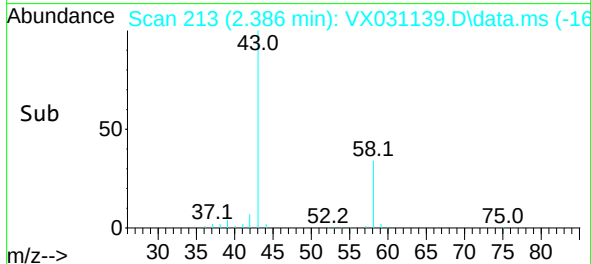
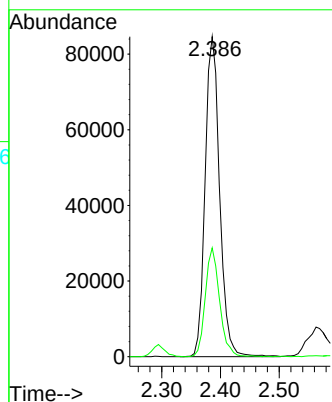
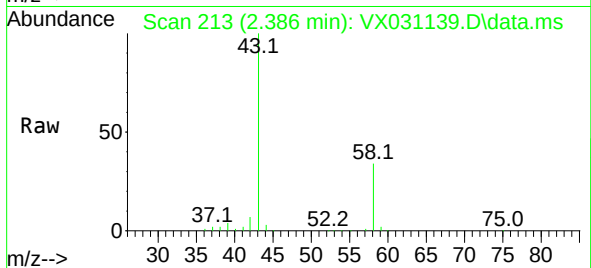




#16
Acetone
Concen: 137.580 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

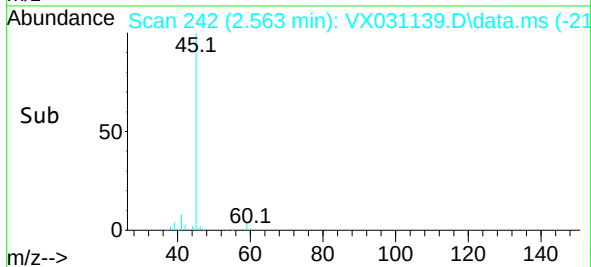
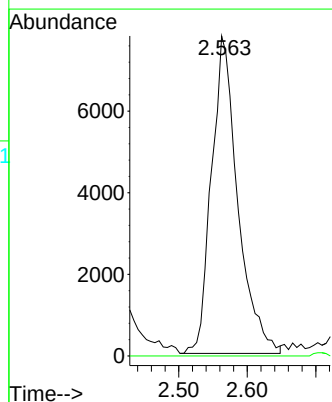
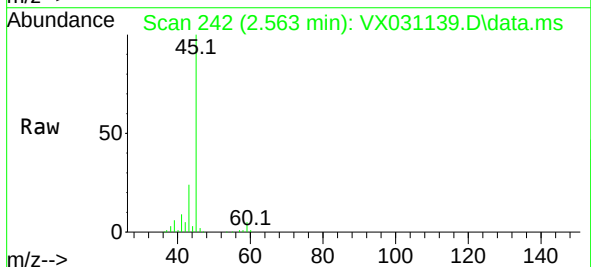
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

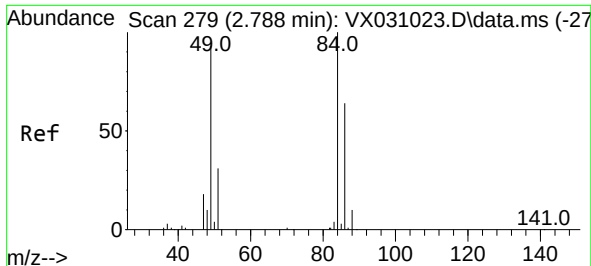
Tgt Ion: 43 Resp: 145589
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5



#18
Methyl Acetate
Concen: 6.842 ug/l
RT: 2.563 min Scan# 242
Delta R.T. -0.146 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

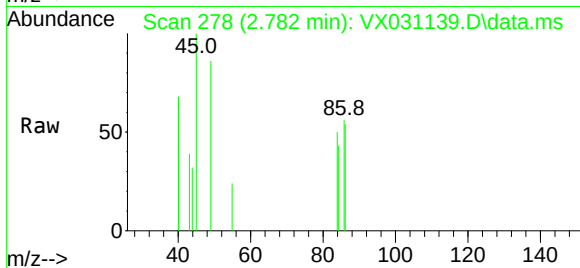
Tgt Ion: 43 Resp: 20805
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





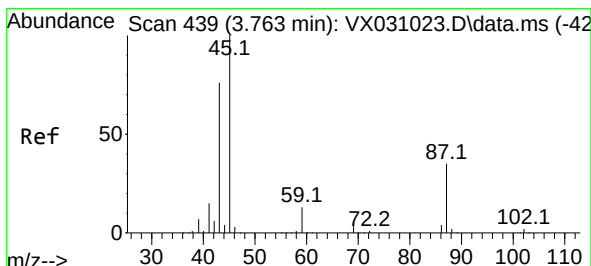
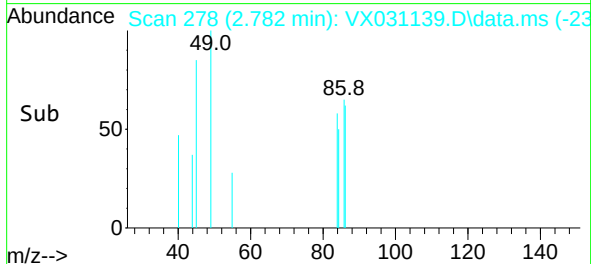
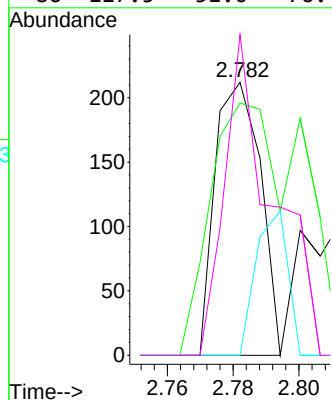
#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL



Tgt Ion: 84 Resp: 203

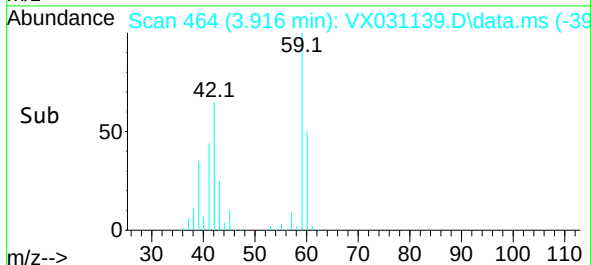
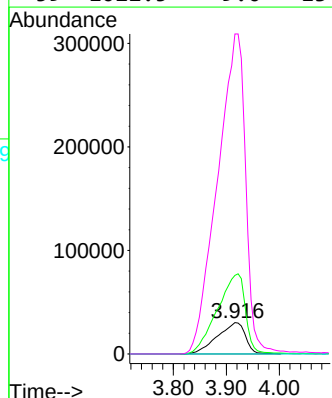
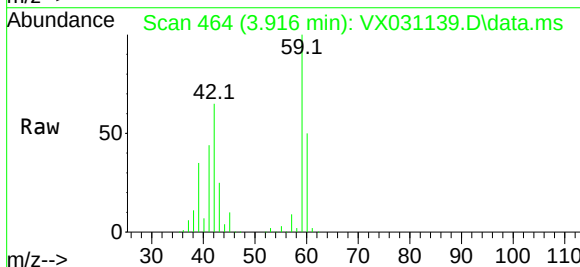
Ion	Ratio	Lower	Upper
84	100		
49	92.5	93.8	140.6#
51	0.0	29.4	44.0#
86	117.5	51.0	76.4#

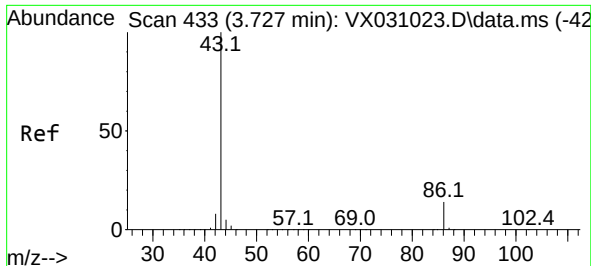


#22
Diisopropyl ether
Concen: 16.845 ug/l
RT: 3.916 min Scan# 464
Delta R.T. 0.146 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 45 Resp: 111564

Ion	Ratio	Lower	Upper
45	100		
43	251.2	65.4	98.0#
87	0.0	22.3	33.5#
59	1022.5	9.0	13.4#

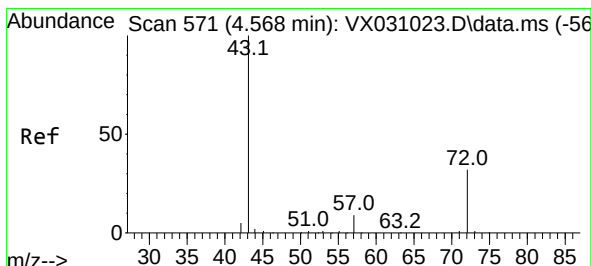
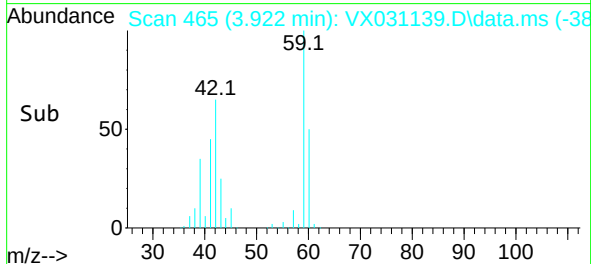
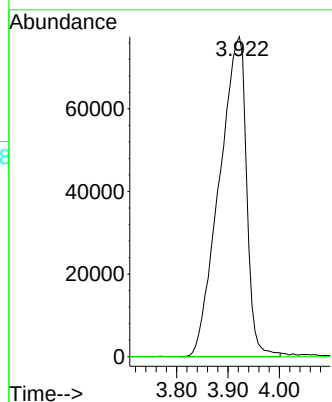
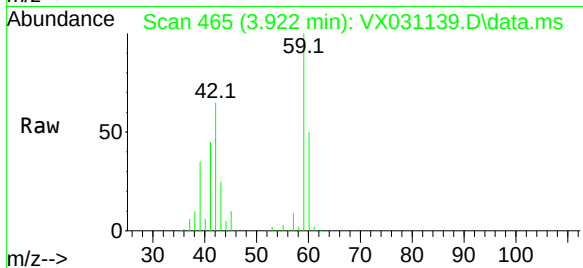




#23
 Vinyl Acetate
 Concen: 53.289 ug/l
 RT: 3.922 min Scan# 41
 Delta R.T. 0.195 min
 Lab File: VX031139.D
 Acq: 06 Sep 2022 19:33

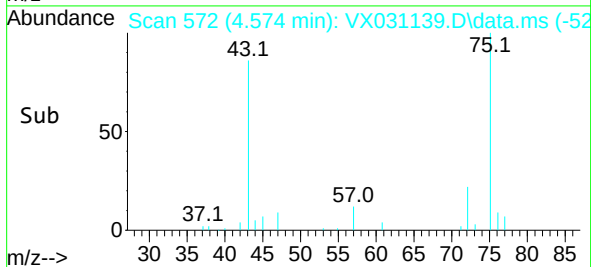
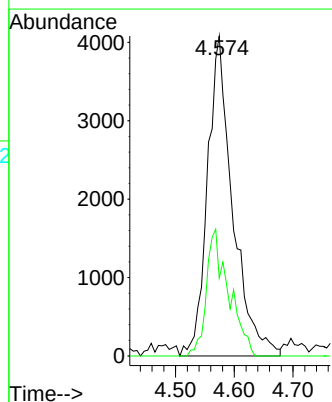
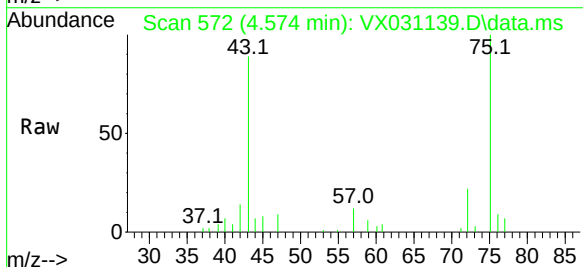
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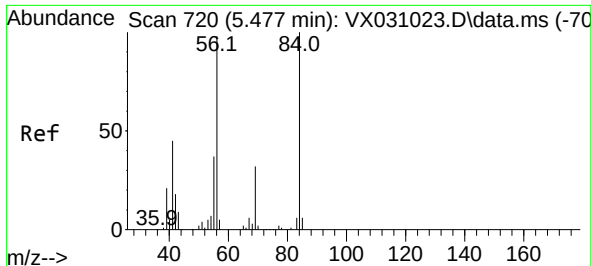
Tgt Ion: 43 Resp: 285063
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 7.454 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VX031139.D
 Acq: 06 Sep 2022 19:33

Tgt Ion: 43 Resp: 12177
 Ion Ratio Lower Upper
 43 100
 72 24.4 21.7 32.5

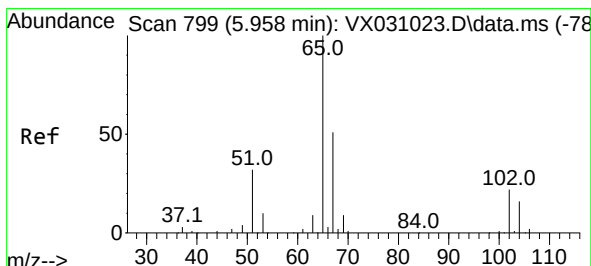
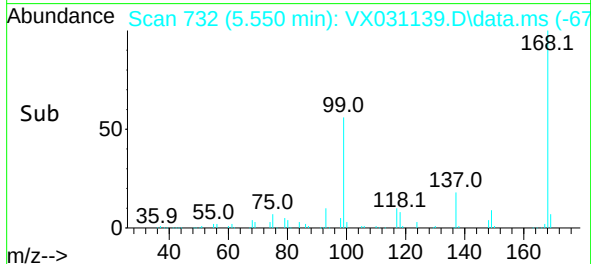
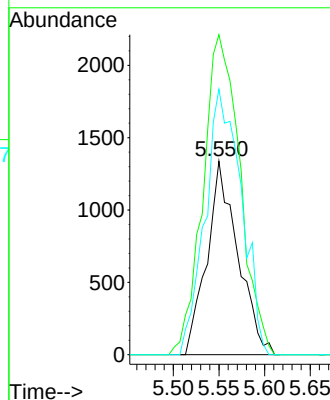
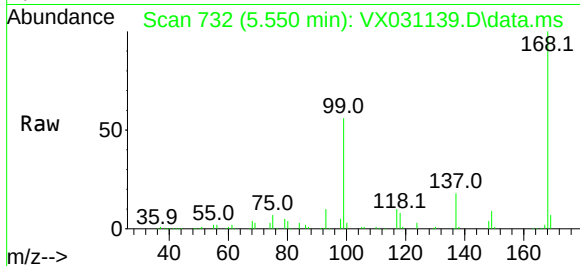




#31
Cyclohexane
Concen: 0.841 ug/l
RT: 5.550 min Scan# 711
Delta R.T. 0.073 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

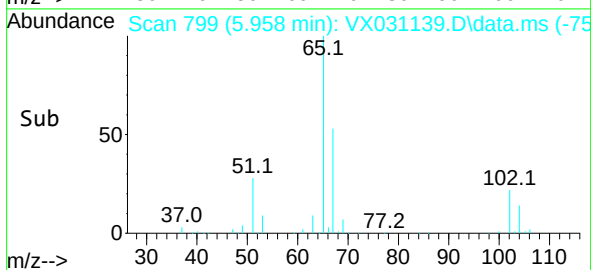
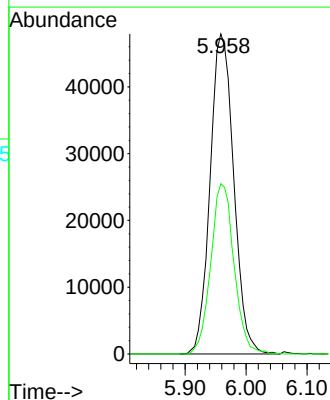
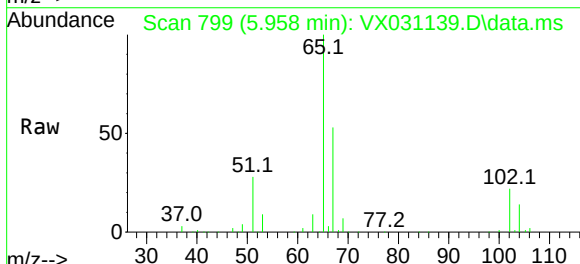
Instrument :
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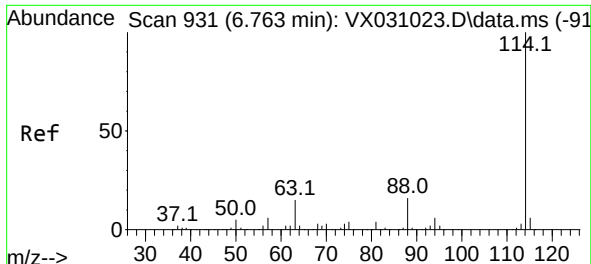
Tgt Ion: 56 Resp: 3150
Ion Ratio Lower Upper
56 100
69 165.4 25.4 38.0#
84 137.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.086 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 65 Resp: 129068
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

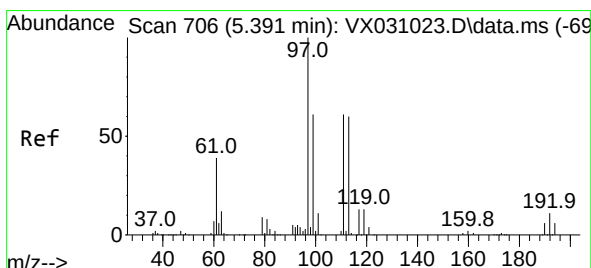
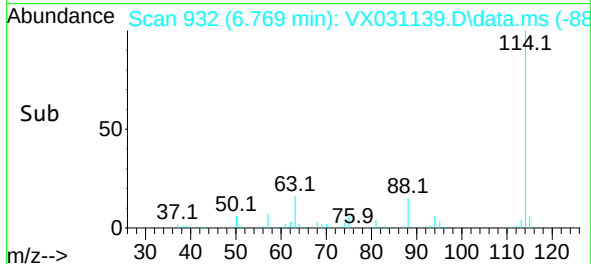
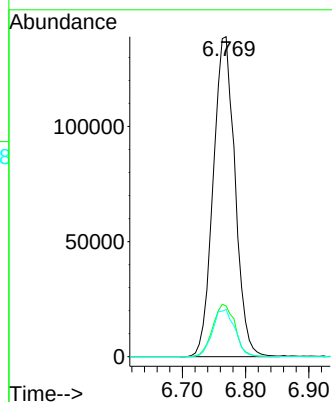
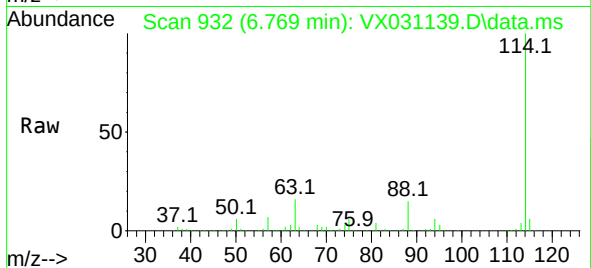




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

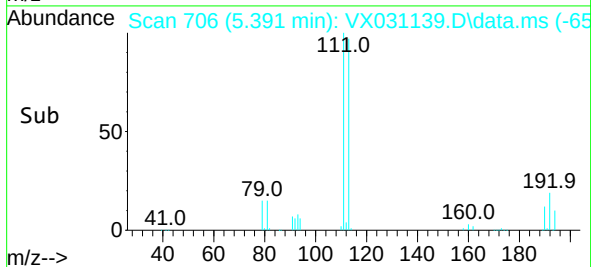
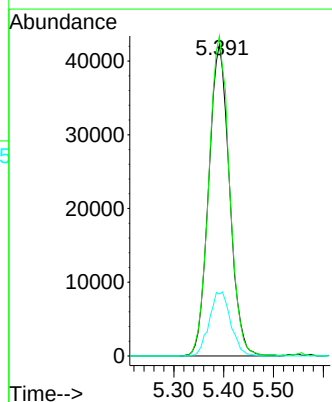
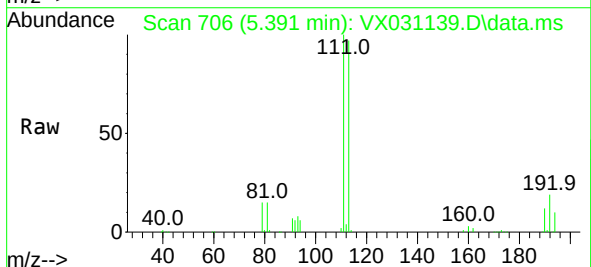
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

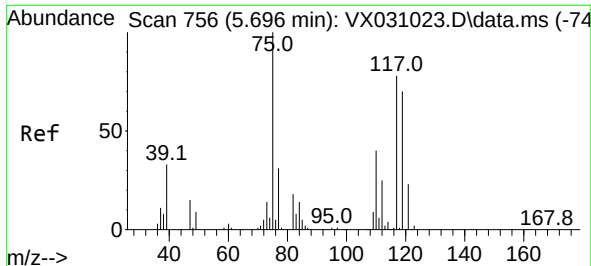
Tgt Ion:114 Resp: 332723
Ion Ratio Lower Upper
114 100
63 15.8 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.368 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion:113 Resp: 122298
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 21.2 14.8 22.2

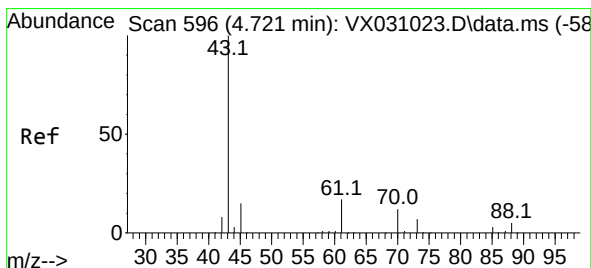
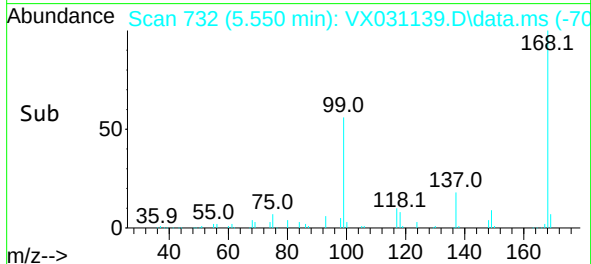
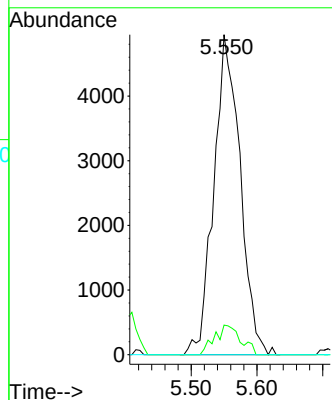
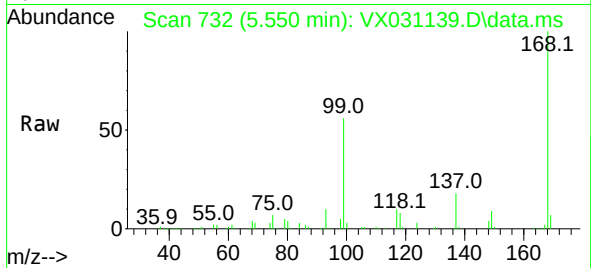




#36
1,1-Dichloropropene
Concen: 4.046 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

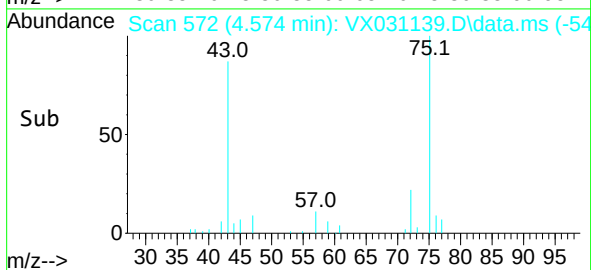
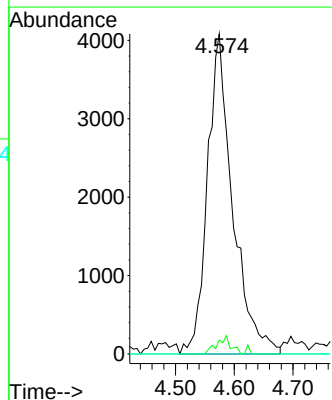
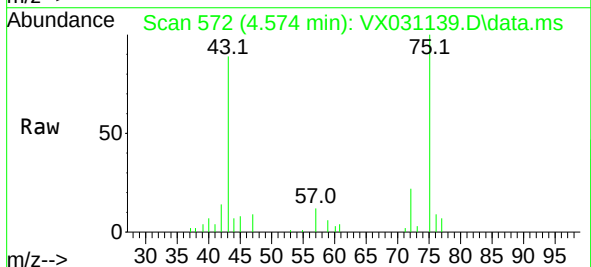
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

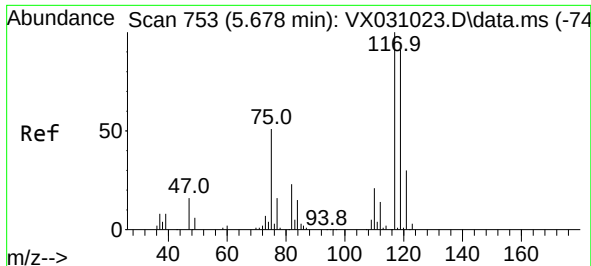
Tgt Ion: 75 Resp: 13760
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 4.121 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 43 Resp: 12177
Ion Ratio Lower Upper
43 100
61 3.1 11.7 17.5#
70 0.0 9.3 13.9#

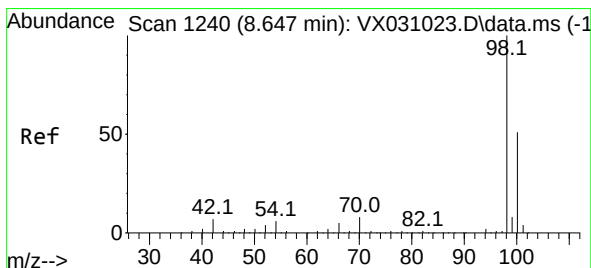
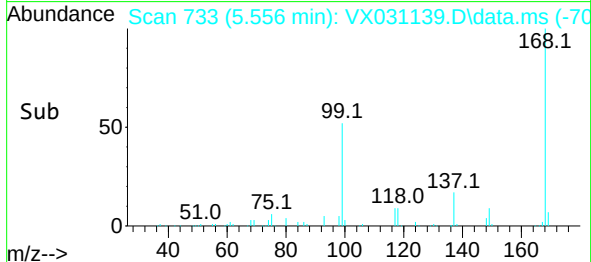
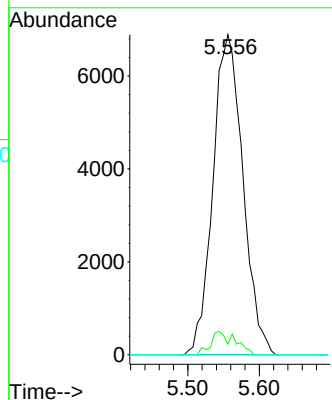
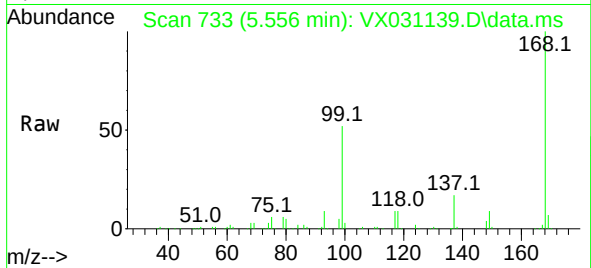




#38
Carbon Tetrachloride
Concen: 5.677 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

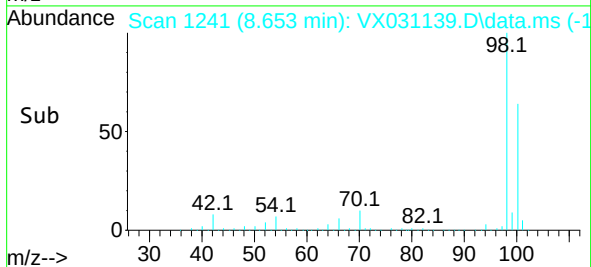
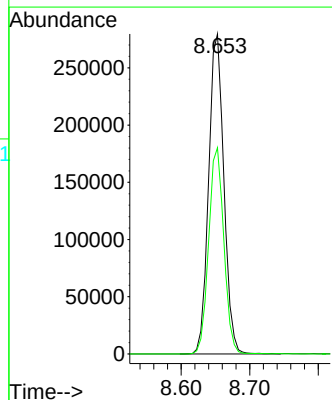
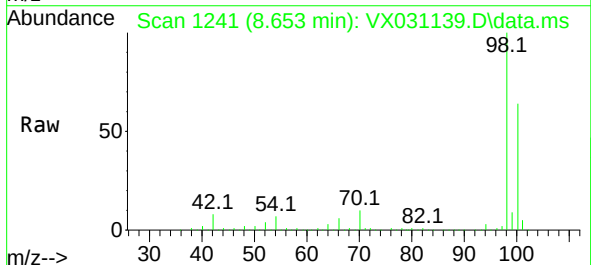
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

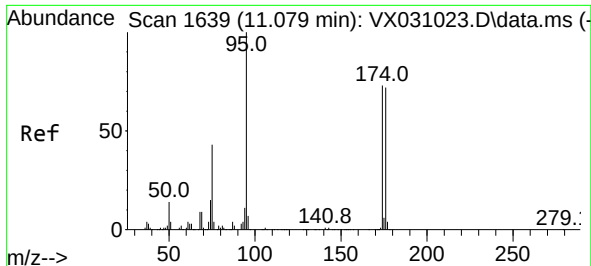
Tgt Ion:117 Resp: 20040
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.422 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 98 Resp: 432713
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

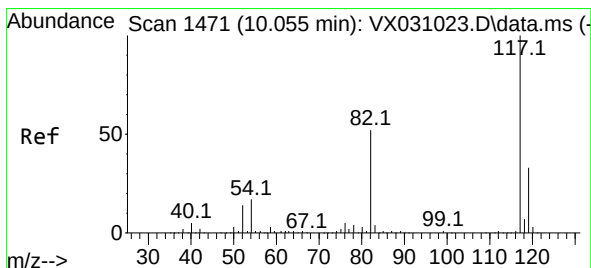
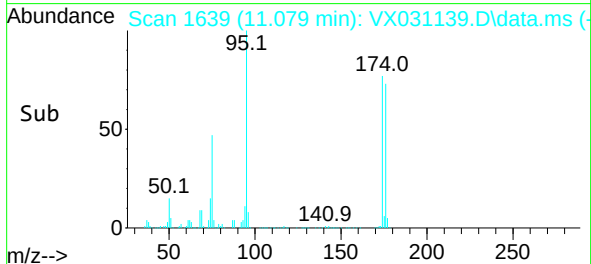
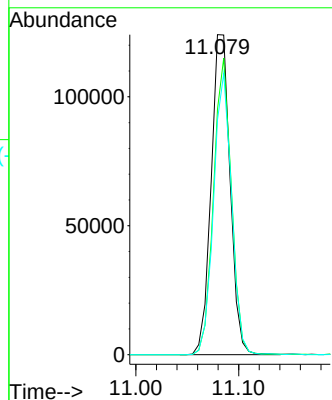
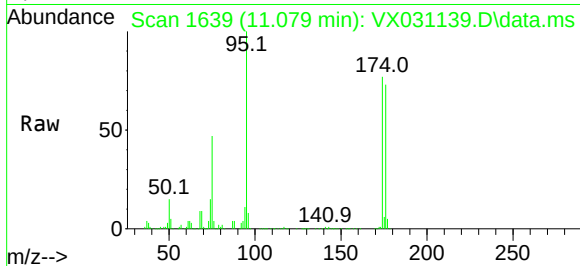




#62
4-Bromofluorobenzene
Concen: 50.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

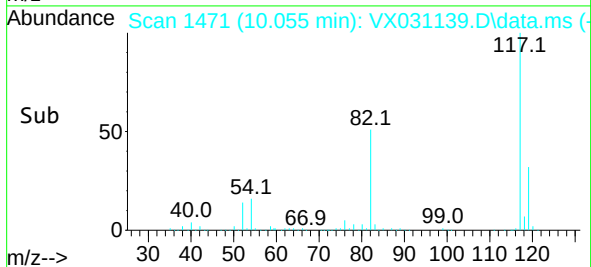
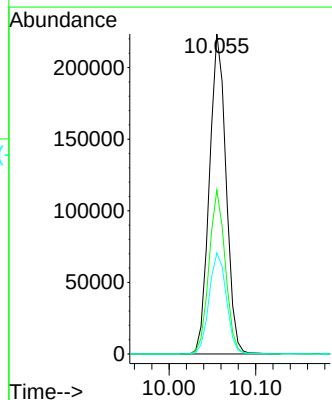
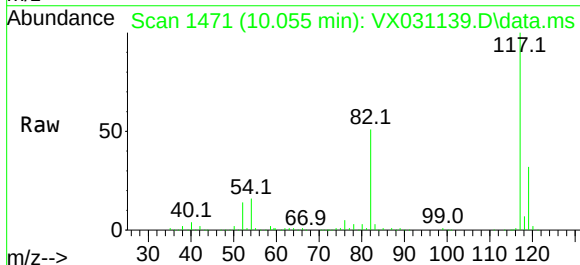
Instrument :
MSVOA_X
ClientSampleId :
ORA-1504DL

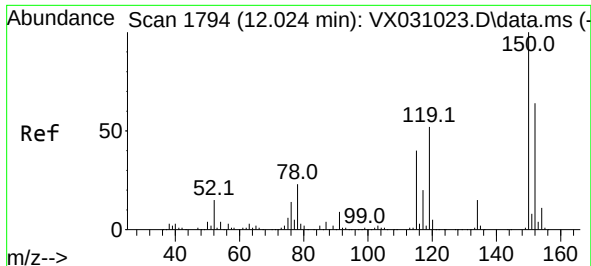
Tgt Ion: 95 Resp: 159175
Ion Ratio Lower Upper
95 100
174 87.1 0.0 149.0
176 83.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031139.D
Acq: 06 Sep 2022 19:33

Tgt Ion: 117 Resp: 298334
Ion Ratio Lower Upper
117 100
82 51.2 42.7 64.1
119 31.6 25.4 38.2

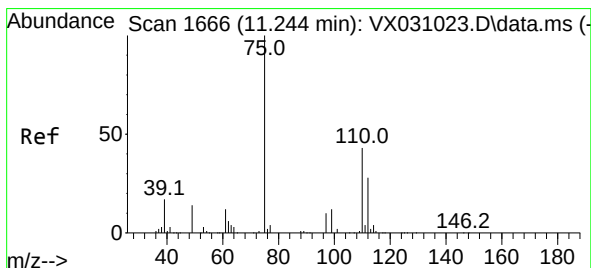
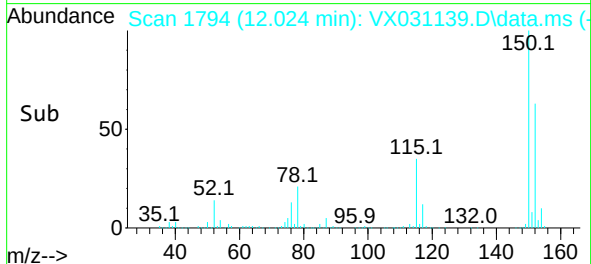
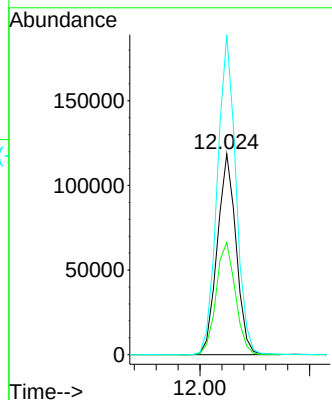
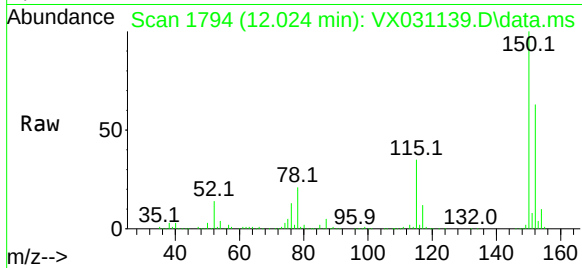




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031139.D
 Acq: 06 Sep 2022 19:33

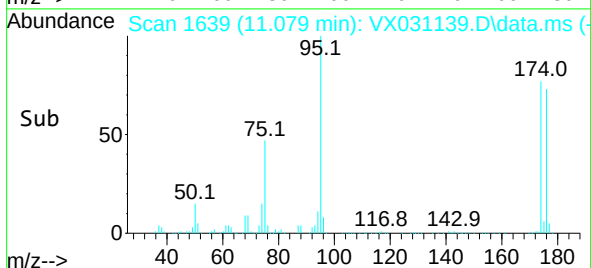
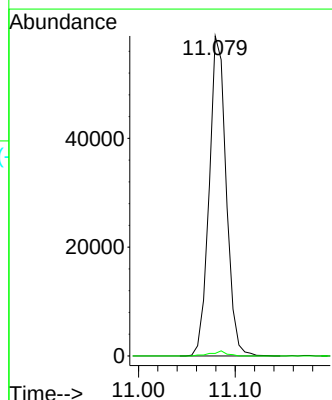
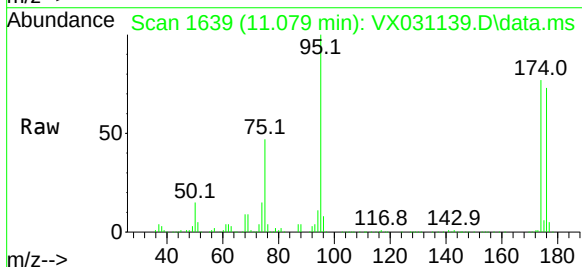
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1504DL

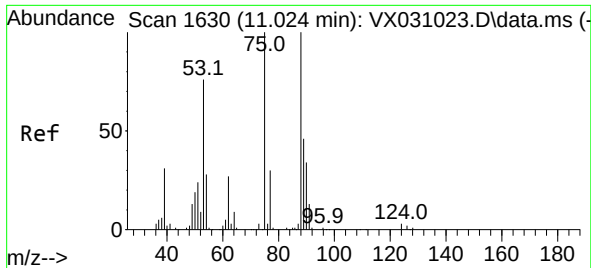
Tgt Ion:152 Resp: 141340
 Ion Ratio Lower Upper
 152 100
 115 57.3 40.5 121.5
 150 157.5 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.512 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031139.D
 Acq: 06 Sep 2022 19:33

Tgt Ion: 75 Resp: 71876
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.608 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031139.D
 Acq: 06 Sep 2022 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-1504DL

Tgt Ion: 75 Resp: 71876
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

